BÁCH KHOA E-LEARNING

Trang của tôi / Khoá học / Học kỳ I năm học 2021-2022 (Semester 1 - Academic year 2021-2022)

/ Đại Học Chính Qui (Bacherlor program (Full-time study))

/ Khoa Khoa học và Kỹ thuật Máy tính (Faculty of Computer Science and Engineering) / Giáo Vụ Khoa Tin Học

/ Nhập môn điện toán (thực hành) (CO1006)_L05 (DH_HK211) / Week 1: Flowchart + I/O + Selection / Homework Selection 2

Đã bắt đầu vào lúc	Friday, 5 November 2021, 6:37 PM
Tình trạng	Đã hoàn thành
Hoàn thành vào lúc	Friday, 5 November 2021, 6:51 PM
Thời gian thực hiện	14 phút 9 giây
Điểm	3,00/3,00
Điểm	**10,00** của 10,00 (**100**%)

Câu hỏi **1**

Chính xác

Điểm 1,00 của 1,00

Write and run a program that reads a marriage code (one character) and writes out a message corresponding to the character:

- if the character is 'M' or 'm' then the message is "Individual is married"
- if the character is 'D' or 'd' then the message is "Individual is divorced"
- if the character is 'W' or 'w' then the message is "Individual is widowed"
- otherwise, the message is "An invalid code was entered".

(Hint: use *switch* statement).

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For example:

Input	Result
M	Individual is married
c	An invalid code was entered

Answer: (penalty regime: 0, 0, 0, 10, 20, ... %)

Reset answer

```
1   int main(){
2       char a;
3       cin>>a;
4       if(a=='M'||a=='m') cout<<"Individual is married";
5       else
6       {
7           if(a=='D'||a=='d') cout<<"Individual is divorced";
8           else
9           {
10              if(a=='W'||a=='w') cout<<"Individual is widowed";
11              else cout<<"An invalid code was entered";
12          }
13      }
14      return 0;
15  }
```

	Input	Expected	Got	
✔	M	Individual is married	Individual is married	✔
✔	c	An invalid code was entered	An invalid code was entered	✔
✔	m	Individual is married	Individual is married	✔
✔	D	Individual is divorced	Individual is divorced	✔
✔	d	Individual is divorced	Individual is divorced	✔

	Input	Expected	Got	
✔	w	Individual is widowed	Individual is widowed	✔
✔	W	Individual is widowed	Individual is widowed	✔
✔	o	An invalid code was entered	An invalid code was entered	✔

Passed all tests! ✔

Chính xác

Điểm cho bài nộp này: 1,00/1,00.

Câu hỏi **2**

Chính xác

Điểm 1,00 của 1,00

Write and run a program that reads a month from the user and displays the number of days in that month.

Example:

Input: 3

Output: 31

Input: 2

Output: 28 or 29

For example:

Input	Result
3	31
2	28 or 29

Answer: (penalty regime: 0, 0, 0, 10, 20, ... %)

Reset answer

```cpp
1  int main()
2  {
3      int m;
4      cin>>m;
5      if(m==1||m==3||m==5||m==7||m==8||m==10||m==12) cout<<31;
6      else
7      {
8          if(m==2) cout<<"28 or 29";
9          else cout<<30;
10     }
11 }
```

	Input	Expected	Got	
✔	3	31	31	✔
✔	2	28 or 29	28 or 29	✔
✔	1	31	31	✔
✔	7	31	31	✔
✔	9	30	30	✔

Passed all tests! ✔

> Chính xác

Điểm cho bài nộp này: 1,00/1,00.

Câu hỏi **3**

Chính xác

Điểm 1,00 của 1,00

Write C++ program to check whether a number entered by the user is even or odd.

For example:

Input	Result
20	20 is even.
-5	-5 is odd.

Answer: (penalty regime: 0, 0, 0, 10, 20, ... %)

Reset answer

```cpp
1  int main(){
2      int num,r;
3      cin>>num;
4      r=num%2;
5      if(r==0) cout<<num<<" is even.";
6      else cout<<num<<" is odd.";
7      return 0;
8  }
```

	Input	Expected	Got	
✔	20	20 is even.	20 is even.	✔
✔	-5	-5 is odd.	-5 is odd.	✔
✔	14	14 is even.	14 is even.	✔
✔	13	13 is odd.	13 is odd.	✔
✔	-105	-105 is odd.	-105 is odd.	✔

Passed all tests! ✔

Chính xác

Điểm cho bài nộp này: 1,00/1,00.

◄ Homework Selection 1

Chuyển tới...